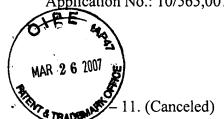
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## AMENDMENTS TO THE CLAIMS

12. (Currently Amended) Method for the preventive and curative treatment of alopecia or of hair loss comprising the administration to a patient in need thereof of an effective amount of a peptide corresponding to general formula (I)

or of the a peptide conjugate thereof which is not coupled with zinc and which corresponding corresponds to general formula (II)

in which

A represents the radical corresponding to

-a monocarboxylic acid of general formula (III)

in which

R represents a linear or branched  $C_1$ - $C_{24}$  aliphatic radical optionally substituted with a hydroxyl group, possibly containing one or more unsaturations,

-Lipoic acid or its reduced form, dihydrolipoic acid, N-lipoyl-lysine or retinoic acid, X represents a chain of 1 to 3 Lys residues, that are optionally methylated, or[[,]] when the formula is formula (II), a bond,

Y represents an -OH or-NH<sub>2</sub> group,

the amino acids being in D, L or DL form,

## or A-X represents a hydrogen atom,

in the form of enantiomers or of diastereoisomers, and also the mixtures thereof, including racemic mixtures.

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13. (Previously Presented) The method as claimed in claim 12, wherein the acid of general formula (III) is an omega-3 acid chosen from  $\alpha$ -linolenic acid, cervonic acid, timnodonic acid and pinolenic acid or a  $C_1$ - $C_{24}$  aliphatic radical chosen from acetic acid, myristic acid, palmitic acid, and hydroxydecenoic and decenoic acids, or an acid chosen from lipoic acid or its reduced form, dihydrolipoic acid, N-lipoyl-lysine or retinoic acid.

- 14. (Previously Presented) The method as claimed in claim 13, wherein A is chosen from lipoic acid and acetic acid.
- 15. (Currently Amended) The method as claimed in claim 12, wherein the <u>peptide</u> conjugate <u>of formula II</u> is chosen from <u>the peptide conjugates of the following formula</u>:

```
A-MeLys-Lys-Gly-His-Lys-NH<sub>2</sub> (SEQ ID No. 5) (SEQ ID NO: 5),
1-
       A-MeLys-Lys-Gly-His-Lys-NH<sub>2</sub>
                                            (SEQ ID No. 6) (SEQ ID NO: 6),
2-
                                            (SEQ ID No. 7) (SEQ ID NO: 7),
3-
       A-MeLys-Gly-His-Lys-NH<sub>2</sub>
       A-MeLys-Lys-Gly-His-Lys-OH (SEQ-ID No. 8) (SEQ-ID NO: 8),
4-
                                            (SEQ ID No . 9) (SEQ ID NO: 9),
       A-MeLys-Lys-Gly-His-Lys-OH
5-
       A-MeLys-Gly-His-Lys-OH
                                            (SEQ ID No. 10) (SEQ ID NO: 10),
6-
                                            (SEQ ID No. 11) (SEQ ID NO: 11),
7-
       A-Lys-Lys-Gly-His-Lys-NH<sub>2</sub>
                                            (SEQ ID No. 12) (SEQ ID NO: 12),
       A-Lys-Gly-His-Lys-NH<sub>2</sub>
8-
       A-Lys-Lys-Gly-His-Lys-OH
                                           (SEQ ID No. 13) (SEQ ID NO: 13), and
9-
                                           (SEQ ID No. 14) (SEQ ID NO: 14),
10-
       A-Lys-Gly-His-Lys-OH
```

A being an acid of general formula (III) as defined in claim 12.

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16. (Currently Amended) The method as claimed in claim12, wherein the peptide or

peptide conjugate of formula II is chosen from:

H-Gly-His-Lys-OH,

Lipoyl-Lys-Gly-His-Lys-NH2 (SEQ ID NO: 12), and

Ac-Lys-Gly-His-Lys-NH<sub>2</sub> (SEQ ID NO: 12).

17.(Previously Presented) The method as claimed in claim 12, wherein, combined with the peptide or peptide conjugate of formula II, is a compound that improves hair regrowth, chosen from minoxidil, nicotinic acid esters, anti-inflammatory agents, retinoic acid or derivatives thereof, retinol or  $5\alpha$ -reductase inhibitors.

18. (Canceled)

19. (Previously Presented) The method as claimed in claim 12, wherein the administration is made by topical route and wherein a UVB-screening agent chosen from p-aminobenzoic acid or PABA and esters thereof, cinnamates, salicylates, benzimidazoles, benzylidenecamphor derivatives, and triazines, is combined to the peptide or the peptide conjugate[[s]] of formula II.

20.- 22. (Canceled)

23. (New) The method as claimed in claim 12, wherein the administration is an application to the scalp of the patient.